

ABSTRACT

A TOOTHBRUSH WITH INDIVIDUALLY EMBEDDED BRISTLES

5 An improved toothbrush is disclosed. The toothbrush  
contains bristles which are individually embedded in a  
toothbrush head and mutually spaced apart from one  
another by a distance from 0.5 times to 10 times the  
10 diameter of the bristles. The bristles may include  
first type bristles having a diameter of from about  
0.25 mm to about 0.60 mm; second type bristles having a  
diameter of from about 0.08 mm to about 0.35 mm and a  
free length of from about 7 mm to about 16 mm; third  
15 type bristles having a diameter of from about 0.15 mm to  
about 0.40 mm and a free length of from about 5 mm to  
about 14 mm; fourth type bristles having a diameter of  
from about 0.15 mm to about 1.0 mm and a free length of  
from about 9 mm to about 15 mm; and a dense tuft of  
20 bristles at the end of the toothbrush head distal from  
the handle.